Geospatial Support for CCE Program Work Teams using ArcGIS Online for Organizations

Neil Curri (CCEDC)

Susan Hoskins (IRIS)

Steve Smith (IRIS)

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(February to March 2012)
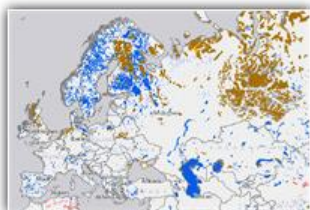
Global Wetlands (1993)

Greece

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Forests in Europe

Greatest Sporting Nations
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Create your Web map and
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1   2   3

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Maps   **Web Apps**   **Mobile Apps**

Global Development Atlas

The Cellular Explosion

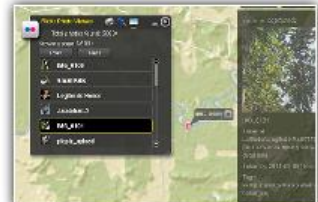Roots & Shoots: Sprouting a Greener Future

UNESCO World Heritage Sites

7 Billion: Human Population Reaches a Milestone

GeoStories

Change Matters Website

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World Bank Data Mapper

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## What is a Web app?

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- JavaScript
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- Silverlight

1 2

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ArcGIS for Android

ArcGIS for Windows Phone

Spotzi-Atlas for Android

Spotzi-Atlas for iPhone and iPad

Noise Meter for Android

GeoMobile for ArcGIS

iGeology

NGIS Natural Environment Map in Taiwan iOS App

QuakeFeed iOS App

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What is a mobile app?

Create your own mobile app using the ArcGIS API for:

- iOS
- Mobile
- Windows Phone
- Android

1 2

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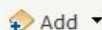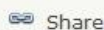
Details   Add ▼   Basemap   Save ▼   Share   Print   Measure   Bookmarks   Find address or place

Make your own map

It's easy to make your own m
Just follow these steps:

1. Choose an area.

Pan and zoom the map to
area or search by its name
address.

2. Decide what to show.

Choose a Basemap the
Add layers on top of it.

3. Add more to your map.

Create an editable laye
draw features on the map.

Display descriptive text,
images, and charts for map
features in a pop-up.

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Select a basemap

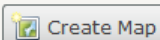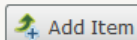| Imagery | Imagery with Labels | Streets |
Topographic	Terrain with Labels	Light Gray Canvas
National Geographic	Oceans	OpenStreetMap
Bing Maps Aerial	Bing Maps Hybrid	Bing Maps Road
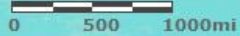
Ukraine

Spain

Turkey

Iraq

Atlantic
Ocean

Algeria

Egypt

Saudi
Arabia

Mali   Niger   Chad

Sudan

Angola

Brazil

Peru

Bolivia

Atlantic
Ocean

Argentina

0   500   1000mi

Sources: USGS, ESRI, TANA, AND | Sources: USGS, NPS, ESRI, TANA, AND

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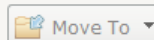
	▲Title	Type	Modified	Shared	Size
	Forests	Layer Package	Mar 22, 2012	Group	83 MB
	HREP Important Areas Overlays	Web Map	Mar 22, 2012	Group	360 KB
	Hudson River Bathymetry	Layer Package	Mar 21, 2012	Group	686 KB
	Hudson River Bathymetry Selected	Map Document	Mar 21, 2012	Group	224 KB
	Hudson River Estuary - Documented SAV Habitat	Web Map	Feb 14, 2012	Group	376 KB
	Hudson River SAV 1997	Web Map	Mar 25, 2012	Group	3 MB
	Hudson River SAV Data	Web Map	Mar 22, 2012	Not Shared	5 MB
	Hudson River Shoreline	Web Map	Mar 22, 2012	Group	138 KB
	HudsonRiverContours_le_-30	Layer Package	Mar 21, 2012	Group	385 KB
	IAColCoanimal_KML	KML	Mar 22, 2012	Group	411 KB
	IAColCocomm_KML	KML	Mar 22, 2012	Group	299 KB
	IAColCoplants_KML	KML	Mar 22, 2012	Group	174 KB
	review map	Web Map	Mar 26, 2012	Group	7 MB
	SAV & IAColCo	Web Map	Mar 26, 2012	Not Shared	5 MB
	SAV 1997 (.25 acres+) Hudson River	Web Map	Mar 26, 2012	Group	3 MB
	SAV 2002 (.25 acres+) Hudson River	Web Map	Mar 26, 2012	Not Shared	5 MB
	SAV 2007 (.25 acres+) Hudson River	Web Map	Mar 26, 2012	Not Shared	3 MB

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Show

You are a member of 2 groups

More Groups

All My Groups
Owned by Me
Owned by Others
With New Membership
Requests

CCE GIS
Cornell Cooperative Extension GIS Users
created by steve.smith on October 18, 2011

Details

Hudson River Estuary
Hudson River Estuary staff and cooperators.
created by steve.smith on February 10, 2012

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List all public groups

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HREP Important Areas Overlays
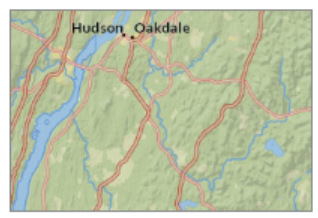
Important plant, animal, and community areas in the Hudson River Valley.

Web Map by steve.smith
Last Modified: March 22, 2012

(0 ratings, 12 views)

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Description

Access and Use Constraints

Map Contents

Important Community Areas
Important Plant Areas
Important Animal Areas
Hudson River Shoreline
National Geographic:
    http://services.arcgisonline.com/ArcGIS/rest/services/NatGeo_World_Map/MapServer

Shared with	Hudson River Estuary
Tags	HREP, HRV, Hudson River, Important Areas
Credits	
Size	360 KB
Extent	Left: -73.92 Right: -73.57
	Top: 42.28 Bottom: 42.08

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Legend

Important Community Areas

Important Plant Areas

Important Animal Areas

Hudson River Shoreline

CENTER HILL
MOUNT DARBY
Copake Falls
CEDAR MOUNTAIN
TOM HILL
Copake E Main St
West St
Copake
West Copake
ALANDER MOUNTAIN
MOUNT EVER
79
Tims Rd
Falls Rd
WASHINGTON
MOU RAC
MT PLANTAIN
MOUNT PLANTAIN
82
MOUNT WASHINGTON
Ancram
GREEN HILL
FOX HILL
FOX HILL
NEW YORK
Ancramdale
82
MOUNT RIGA
Mt Ross Rd
THORPE MOUNTAIN
CONNECTICUT WASHINGTON
W Church St
PROSPECT HILL
Pine Plains
Winchell Mountain
Lak

0   1   2mi
427 m

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Create a map that can be viewed in a browser, desktop or mobile device. Share it on a blog, via email, or embed it in a website.

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Members   **Subscription Status**

Viewing: Current Members ▾			Search for Name... 🔍			

▲Name	Username	Date Joined	Role			
Neil Curri	ncurri	Sep 23, 2009	Publisher ▾	🖼	👥	✖
Stephen Smith	steve.smith	Oct 18, 2011	Administrator ▾	🖼	👥	✖
Susan Hoskins	sbh1@cornell.edu	Mar 26, 2012	Publisher ▾	🖼	👥	✖

Subscription Status

2,497 credits remaining

ID: 3323654568

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The last items added to the organization

The items added to the organization that are public

The organization's groups

The organization's groups that are public

Featured Groups

National Maps for USA

Esri Maps and Data
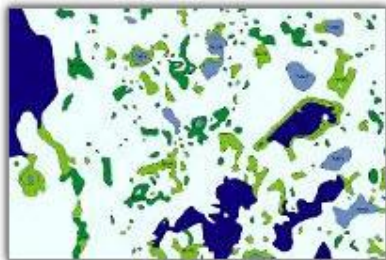
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Maps   **Web Apps**   **Mobile Apps**

Wetlands (NWI)

Lower Esopus Watershed Valley Segment Basins

Valley 1 (Olive/Marbletown) Water Resources

Agricultural Districts, Jefferson County, New York

Valley 2 Lower (Hurley/Ulster/Kingston) Water

Valley 1 (Olive/Marbletown) Land Management

Aquifers

Ithaca_City&Town

Watersheds

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The organization's groups

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Cornell Cooperative Extension Geospatial Mapping Featured Content

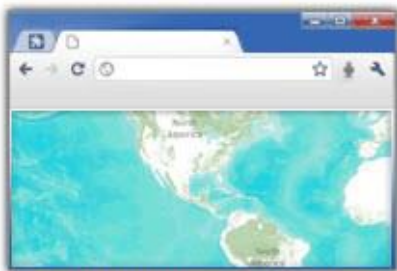**Maps**   **Web Apps**   **Mobile Apps**

SAV Hudson River 1997-2007

Valley 1 (Olive/Marbletown)
Water Resources

Jefferson County

Chemung and Susquehanna
Watersheds

Dutchess County Wetlands
(NWI)

Valley 1 (Olive/Marbletown) All
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The organization's groups

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My Groups

🔧 Create a Group   🏳 Invitations (0)

Show

All My Groups
Owned by Me
Owned by Others
With New Membership
Requests

You are a member of 3 groups

4-H Geospatial Inservice
4-H Geospatial Inservice
created by steve.smith on September 24, 2012

Details

CCE GIS
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The organization's groups

The organization's groups that are public

Featured Groups

National Maps for USA

Esri Maps and Data

Community Basemaps

Landsat Community

Web Application Templates

ArcGIS for Local Government

Features

ArcGIS Online for personal use is available now. ArcGIS Online for organizations will become available in Q2 2012.

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	Sign Up Free	**Evaluate**
	More info »	More info »
Access, Share, and Manage Content (Details)	✓	✓
Add your own data to maps or create mashups	✓	✓
Access ArcGIS Web Mapping APIs	Limited	Unlimited
Add World Geocoding Service	Limited	Unlimited
Add World Routing Service	Limited	Unlimited
Add Geometry Service	✓	✓
Store maps, apps, and data in Esri's cloud	2 GB	Unlimited
Manage user roles and access		✓
Monitor individual/organizational usage		✓
Add your organization's logo and banner to your ArcGIS Online home page		✓
Display your organization's maps on your ArcGIS Online home page		✓
Create a custom URL for your ArcGIS Online home page		✓
Publish hosted services in Esri's cloud		✓
Includes flexible data storage capabilities		✓
Includes Technical Support		✓
	Sign Up Free	**Evaluate**
	More info »	More info »

ArcGIS Online for Developers

Build custom web and mobile applications that include the same sharing and collaboration tools available in ArcGIS Online.

- Integrate and embed your organization's geospatial content
- Access the same building blocks used to create the ArcGIS Online maps and apps galleries
- Customize the user login experience
- Publish and store your apps in the cloud

Everything You Need to Develop Web and Mobile Apps

A low cost-annual subscription will include credits to develop and test applications. The following tools and resources are also included.

APIs and SDKs for Building Applications

- ArcGIS Web Mapping APIs
- ArcGIS Mobile Runtime SDKs
- ArcGIS Portal API

Configurable Applications

- ArcGIS Viewer for Flex
- ArcGIS Viewer for Silverlight
- ArcGIS Viewer for Windows (coming soon)

Maps and Geoservices

- ArcGIS Online basemaps and layers
- ArcGIS Online geoservices

Availability

ArcGIS Online for developers will become available Q2 2012. Pricing will be announced prior to availability.

ArcGIS Online web and mobile apps gallery.

ArcGIS Online

What's New in ArcGIS Online March 2012

Map Viewer Enhancements

- **Support for using addresses**—The map viewer now supports adding CSV and text file layers containing up to 250 addresses. More details.

- **Updated template gallery**—The template gallery for creating web mapping applications has been reorganized and updated. A new story map template has been added and several existing templates have been consolidated and made configurable. Templates that have been retired from the gallery are still available in the Web Application Templates group.

- **View editing information**—The map viewer now displays who created and last edited a feature on layers where tracking is enabled. Tracking is available on ArcGIS for Server 10.1 feature services (beta) and hosted feature services (beta). On these layers, you can filter the display by who edited features and when. More details.

- **Set scale range on editable layers**—You can now set the visibility range on an editable layer. More details.

Other Updates

- **ArcGIS Portal API**—This API allows developers to work with users, groups, and content hosted within ArcGIS Online or within Portal for ArcGIS. More details.

- **Additional languages and regions**—Support for Dutch, Korean, Polish, Romanian, and Swedish languages has been added. Argentina, Belgium, Colombia, Czech Republic, Indonesia, Kenya, Morocco, Norway, Russia, Singapore, and South Korea regions have been added as well. More details.

▼ What's New

March 2012

February 2012

December 2011

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🖫 Save   ☒ Cancel

General
Home Page
Gallery
Map
Groups
Security

Home Page

Set up the look and functionality of your organization's Home Page. The Home Page serves as a starting point for your members.

Banner

The banner displays at the top of the Home Page. Select an image or enter your own HTML to create the contents of the banner area.

◉ Image   ○ HTML

○   ◉   ○

Click here to upload custom image

○   ○   ○

Featured Content

Choose a group whose content will be featured on the Home Page.

No featured content ▼

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Add Item	Create Map	Share	Delete	Move To ▾	Publish	Change Owner

- steve.smith
  - CCE
  - NERR_DEC
  - Testing

		▲Title	Type	Modified	Shared	Size
☐	🖼	HiddenValley	Web Map	Nov 9, 2012	Group	3 MB
☐	🖼	Ithaca_City&Town	Web Map	Sep 24, 2012	Group	2 MB
☐	🖼	Ithaca_City&Town_Civic	Web Map	Sep 24, 2012	Group	2 MB
☐	🖼	New York Susquehanna Subwatersheds	Web Mapping Application	Sep 24, 2012	Not Shared	1 KB
☐						